

The following table shows the results of the survey of the 100 most important factors in the selection of a site for a new plant or building. The factors are ranked in order of importance, with 1 being the most important and 100 being the least important.

Rank	Factor	Percentage of respondents ranking factor as important
1	Availability of land	85%
2	Proximity to transportation	82%
3	Availability of labor	78%
4	Proximity to markets	75%
5	Availability of utilities	72%
6	Proximity to suppliers	68%
7	Availability of capital	65%
8	Proximity to customers	62%
9	Availability of skilled labor	58%
10	Proximity to competitors	55%
11	Availability of raw materials	52%
12	Proximity to government	48%
13	Availability of infrastructure	45%
14	Proximity to ports	42%
15	Availability of tax incentives	38%
16	Proximity to universities	35%
17	Availability of research and development facilities	32%
18	Proximity to hospitals	28%
19	Availability of environmental services	25%
20	Proximity to airports	22%
21	Availability of security services	18%
22	Proximity to shopping centers	15%
23	Availability of entertainment facilities	12%
24	Proximity to parks	8%
25	Availability of cultural services	5%
26	Proximity to museums	2%
27	Availability of historical sites	1%
28	Proximity to religious institutions	0%
29	Availability of educational institutions	0%
30	Proximity to government offices	0%
31	Availability of public services	0%
32	Proximity to public transportation	0%
33	Availability of public housing	0%
34	Proximity to public utilities	0%
35	Availability of public safety services	0%
36	Proximity to public health services	0%
37	Availability of public education services	0%
38	Proximity to public recreation services	0%
39	Availability of public cultural services	0%
40	Proximity to public historical services	0%
41	Availability of public religious services	0%
42	Proximity to public educational services	0%
43	Availability of public government services	0%
44	Proximity to public public services	0%
45	Availability of public public services	0%
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50	Proximity to public public services	0%
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93	Availability of public public services	0%
94	Proximity to public public services	0%
95	Availability of public public services	0%
96	Proximity to public public services	0%
97	Availability of public public services	0%
98	Proximity to public public services	0%
99	Availability of public public services	0%
100	Proximity to public public services	0%

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[illegible]

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- 2
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7 responsive only to no interim recordation of said harvest event within said
8 network harvest hit table;

9 delivering said testcase to said testcase server; and

10 updating said network harvest hit table to include said harvest event.

6. The method of claim 2, wherein said delivering said testcase to said testcase server is preceded by:

responsive to determining that said harvest event has not been previously triggered within said simulation model in accordance with said local harvest hit table, delivering said harvest event to said instrumentation server; and

within said instrumentation server:

8 determining whether or not an interim occurrence of said harvest event has occurred in accordance with said network harvest hit table; and

9 responsive only to no interim recordation of said harvest event within said
10 network harvest hit table, updating said network harvest hit table to include said
11 harvest event.

1 7. A system for minimizing redundancy in collected harvest event testcases from a
2 batch simulation farm which includes a harvest testcase server that collects simulation
3 data for a simulation model from at least one simulation client, said system comprising:

4 processing means for executing a testcase on said simulation model within a
5 simulation client;

processing means responsive to the absence of said harvest event within said local harvest hit table for receiving an indication of said locally recorded harvest event within said instrumentation server;

5 processing means for comparing the received harvest event with said network
6 harvest hit table to determine whether an interim occurrence of said harvest event has
7 been recorded within said network harvest hit table; and

8 processing means responsive only to said network harvest hit table not including
9 said received harvest event for recording said harvest event within said network harvest
10 hit table.

11. The system of claim 8, further comprising:

processing means responsive to determining that said harvest event has not been
previously triggered within said simulation model in accordance with said local harvest
hit table for determining whether or not an interim occurrence of said harvest event has
been recorded in said network harvest hit table; and

7 processing means for responsive only to no interim recordation of said harvest
event within said network harvest hit table for:

8 delivering said testcase to said testcase server; and

9 updating said network harvest hit table to include said harvest event.

1 12. The system of claim 8, further comprising:

2 processing means responsive to determining that said harvest event has not been
3 previously triggered within said simulation model in accordance with said local harvest
4 hit table for delivering said harvest event to said instrumentation server; and

14. The computer program product of claim 13, wherein said simulation batch farm includes an instrumentation server that includes a network harvest hit table which records harvest events that have been triggered during testcase simulation of said simulation model, said computer program product further comprising program instructions for

5 delivering a copy of said network harvest hit table as a local harvest hit table to said at
6 least one simulation client.

1 15. The computer program product of claim 14, wherein the triggering of said harvest
2 event results in setting at least one harvest event flag within said simulation model, said
3 computer program product further comprising:

4 for each testcase executed on said simulation model:

program instructions for comparing the setting of said at least one harvest
event flag with said local harvest hit table to determine whether or not said
harvest event has previously been triggered.

16. The computer program product of claim 15, further comprising:

program instructions responsive to the absence of said harvest event within said
local harvest hit table for receiving an indication of said locally recorded harvest event
within said instrumentation server;

5 program instructions for comparing the received harvest event with said network
6 harvest hit table to determine whether an interim occurrence of said harvest event has
7 been recorded within said network harvest hit table; and

8 program instructions responsive only to said network harvest hit table not
9 including said received harvest event for recording said harvest event within said
10 network harvest hit table.

1 17. The computer program product of claim 14, further comprising:

2 program instructions responsive to determining that said harvest event has not
3 been previously triggered within said simulation model in accordance with said local
4 harvest hit table for determining whether or not an interim occurrence of said harvest
5 event has been recorded in said network harvest hit table; and

6 program instructions for responsive only to no interim recordation of said harvest
7 event within said network harvest hit table for:

 delivering said testcase to said testcase server; and

 updating said network harvest hit table to include said harvest event.

18. The computer program product of claim 14, further comprising:

 program instructions responsive to determining that said harvest event has not
 been previously triggered within said simulation model in accordance with said local
 harvest hit table for delivering said harvest event to said instrumentation server; and

5 program instructions within said instrumentation server for:

6 determining whether or not an interim occurrence of said harvest event
7 has occurred in accordance with said network harvest hit table; and

8 responsive only to no interim recordation of said harvest event within said
9 network harvest hit table, updating said network harvest hit table to include said
10 harvest event.